EST
ENVIRONMENTAL SUPPORT TECHNOLOGIES
a Division of Environmental Management Strategies, Inc.

January 11, 2012

EST2736

Justin Massey
Miller, Axline & Sawyer
1050 Fulton Avenue, Suite 100
Sacramento, California 95825

Subject: Soil Gas Survey Data Package Transmittal
Orange County Water District North Basin Case
Vista Paint, 2020 East Orangethorpe Avenue, Fullerton, California

Dear Mr. Massey:

In accordance with our Standard Agreement for Professional Services, Environmental Support Technologies (EST) is pleased to submit the attached soil gas survey data package for the additional soil gas sampling performed at the Vista Paint site located at 2020 East Orangethorpe Avenue in Fullerton, California. Co-located soil gas samples were collected from probes installed by Blackstone Consulting, LLC. Blackstone Consulting installed the probes on behalf of Northrop Grumman Corporation. Soil gas samples were collected by EST at the site from December 28, 2011 to December 30, 2011 following sample collection by Blackstone Consulting.

Included in the data package are the following:

1. Summary table for past and recent soil gas analytical data (Attachment 1);
2. Site maps showing concentrations of PCE, TCE and 1,1-DCE in soil gas (Attachment 2);
3. EPA Method 8260B analytical report for soil gas samples (Attachment 3);

Should you have any questions or comments please contact or me at (949) 679-9500.

Sincerely,

Environmental Support Technologies

Michael Marello, PG, CHG, REA I
Project Manager/Senior Hydrogeologist

cc: David Mark/OCWD

ATTACHMENT A

SUMMARY TABLE OF SOIL GAS ANALYTICAL DATA

16510 Aston Street Irvine, CA 92606
Tel (949) 679-9500 Fax (949) 679-9501

TABLE 1
Summary of Laboratory Analytical Data for
Volatile Organic Compounds in Soil Gas
Vista Paint, 2020 East Orangethorpe Avenue, Fullerton CA

01/03/12 EST2736

Sample Number	Date (mm/dd/yy)	Depth (ft. bgs)	Vacuum (in. WC)	PCE (µg/L)	TCE (µg/L)	1,1-DCE (µg/L)	cis-1,2-DCE (µg/L)	1,1-DCA (µg/L)	1,1,1-TCA (µg/L)
VP-1	Not Installed	NA	0	NA	NA	NA	NA	NA	NA
VP-2-10	02/24/09	10	0	5.2	ND<1	9.4	ND<1	ND<1	2.2
VP-2-20	02/24/09	20	0	6.5	ND<1	10	ND<1	ND<1	2.7
VP-3-10	02/23/09	10	0	6.6	1.2	9.7	ND<1	1.0	4.8
VP-3-20	02/24/09	20	0	13	1.8	11	ND<1	1.2	5.6
VP-4-10	02/23/09	10	0	26	2.5	17	ND<1	1.7	12
VP-4-20	02/23/09	20	0	28	2.6	16	ND<1	1.8	11
VP-4-30	02/24/09	30	0	53	5.9	44	1.6	3.9	26
VP-4-40	02/24/09	40	0	69	7.6	51	2.2	4.8	30
VP-5-10	02/23/09	10	0	14	ND<1	3.2	ND<1	ND<1	5.7
VP-5-20	02/23/09	20	0	32	2.0	6.8	ND<1	ND<1	10
VP6-10	02/23/09	10	0	11	ND<1	3.7	ND<1	ND<1	4.1
VP6-20	02/23/09	20	0	13	ND<1	5.0	ND<1	ND<1	5.0
VP-6-30	02/25/09	30	0	14	ND<1	6.6	ND<1	ND<1	2.8
VP-6-40	02/25/09	40	0	25	ND<1	13	ND<1	ND<1	2.6
VP-6-50	02/25/09	50	0	4.3	1.5	4.3	ND<1	ND<1	11
VP-6-60	02/25/09	60	0	1.4	ND<1	4.8	ND<1	ND<1	5.6
VP-7-10	02/23/09	10	0	11	ND<1	6.8	ND<1	ND<1	4.0
VP-7-20	02/23/09	20	0	7.2	ND<1	7.4	ND<1	ND<1	4.4
VP-8-10 (1PV)	02/23/09	10	0	ND<1	ND<1	1.5	ND<1	ND<1	ND<1
VP-8-10 (3PV)	02/23/09	10	0	ND<1	ND<1	2.0	ND<1	ND<1	ND<1
VP-8-10 (7PV)	02/23/09	10	0	1.2	ND<1	2.5	ND<1	ND<1	ND<1
VP-8-20	02/23/09	20	0	11	1.1	12	ND<1	ND<1	4.3
VP-9-10	02/23/09	10	0	2.0	ND<1	5.1	ND<1	ND<1	1.5
VP-9-20	02/23/09	20	0	18	1.9	15	ND<1	ND<1	6.4
VP-10-10	02/24/09	10	0	5.3	ND<1	7.4	ND<1	ND<1	2.9
VP-10-20	02/24/09	20	0	10	1.2	11	ND<1	ND<1	5.1
VP-11-10	02/24/09	10	0	13	1.8	8.7	ND<1	ND<1	3.0
VP-11-20	02/24/09	20	0	16	2.6	21	ND<1	1.6	9.6
VP-12-10	02/24/09	10	0	2.1	ND<1	18	ND<1	ND<1	5.3
VP-12-20	02/24/09	20	0	12	2.6	20	ND<1	1.1	7.7
VP-13-10	02/24/09	10	0	ND<1	ND<1	1.6	ND<1	ND<1	ND<1
VP-13-20	02/24/09	20	0	3.1	ND<1	2.4	ND<1	ND<1	ND<1
VP-14-10	12/28/11	10	0	2.8	0.78	8.4	ND<0.2	ND<0.2	1.2
VP-14-20	12/28/11	20	0	4.5	1.0	10	ND<0.2	ND<0.2	1.5
VP-14-30	12/28/11	30	0	5.6	1.3	12	ND<0.2	0.28	1.9
VP-14-40	12/29/11	40	0	19	6.5	52	1.0	1.5	7.1
VP-14-50	12/29/11	50	0	42	13	110	2.2	3.2	15
VP-14-59.5	12/29/11	59.5	0	23	7.7	63	1.3	1.9	8.9

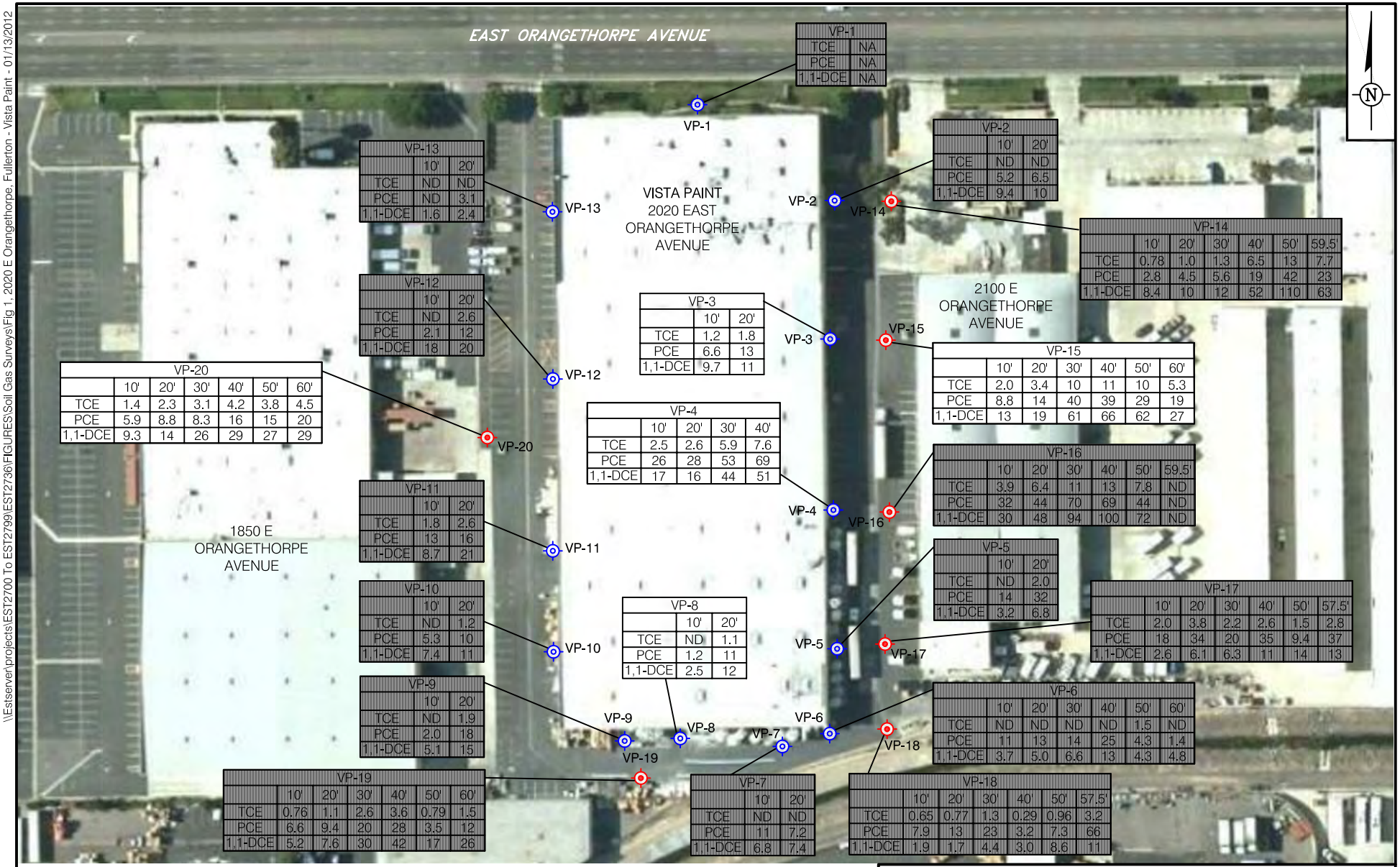
Sample Number	Date (mm/dd/yy)	Depth (ft. bgs)	Vacuum (in. WC)	PCE (µg/L)	TCE (µg/L)	1,1-DCE (µg/L)	cis-1,2-DCE (µg/L)	1,1-DCA (µg/L)	1,1,1-TCA (µg/L)
VP-15-10	12/28/11	10	0	8.8	2.0	13	0.4	0.78	3.2
VP-15-20 (1PV)	12/28/11	20	0	15	3.4	16	0.8	1.3	4.6
VP-15-20 (3PV)	12/28/11	20	0	15	3.4	19	0.81	1.2	4.4
VP-15-20 (7PV)	12/28/11	20	0	14	3.4	19	0.79	1.2	4.4
VP-15-30	12/28/11	30	0	40	10	61	3.6	4.4	13
VP-15-40	12/28/11	40	0	39	11	66	4.0	4.6	14
VP-15-50	12/28/11	50	0	29	10	62	3.8	4.2	12
VP-15-60	12/28/11	60	25	19	5.3	27	1.8	1.8	5.7
VP-16-10	12/29/11	10	0	32	3.9	30	0.85	1.6	8.3
VP-16-20	12/29/11	20	0	44	6.4	48	1.3	2.3	11
VP-16-30	12/29/11	30	0	70	11	94	3.1	4.8	17
VP-16-40	12/29/11	40	0	69	13	100	3.7	5.4	16
VP-16-50	12/29/11	50	0	44	7.8	72	2.5	3.6	9.5
VP-16-59.5	12/29/11	60	0	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2
VP-17-10	12/29/11	10	0	18	2.0	2.6	ND<0.4	2.6	6.1
VP-17-20	12/29/11	20	0	34	3.8	6.1	0.84	1.1	14
VP-17-30	12/29/11	30	0	20	2.2	6.3	ND<0.4	0.7	11
VP-17-40	12/29/11	40	0	35	2.6	11	ND<0.4	0.86	13
VP-17-50	12/29/11	50	0	9.4	1.5	14	ND<0.4	0.8	14
VP-17-57.5	12/29/11	57.5	0	37	2.8	13	0.48	1.1	16
VP-18-10	12/29/11	10	0	7.9	0.65	1.9	ND<0.2	ND<0.2	3.6
VP-18-20	12/29/11	20	0	13	0.77	1.7	ND<0.2	0.28	3.9
VP-18-30	12/29/11	30	0	23	1.3	4.4	ND<0.2	0.44	5.3
VP-18-40	12/29/11	40	0	3.2	0.29	3.0	ND<0.2	ND<0.2	1.8
VP-18-50	12/29/11	50	0	7.3	0.96	8.6	ND<0.2	0.41	8.5
VP-18-57.5	12/29/11	57.5	0	66	3.2	11	0.3	0.97	15
VP-19-10	12/30/11	10	0	6.6	0.76	5.2	ND<0.2	ND<0.2	1.7
VP-19-20	12/30/11	20	0	9.4	1.1	7.6	ND<0.2	0.33	2.4
VP-19-30	12/29/11	30	0	20	2.6	30	0.22	1.6	6.8
VP-19-40	12/30/11	40	0	28	3.6	42	0.42	2.0	8.0
VP-19-50	12/29/11	50	0	3.5	0.79	17	ND<0.2	0.59	2.3
VP-19-57.5	12/29/11	57.5	0	12	1.5	26	ND<0.2	0.93	3.2
VP-20-10	12/29/11	10	0	5.9	1.4	9.3	ND<0.2	0.41	3.1
VP-20-20	12/29/11	20	0	8.8	2.3	14	ND<0.2	0.74	4.4
VP-20-30	12/29/11	30	0	8.3	3.1	26	0.56	1.6	7.8
VP-20-40	12/29/11	40	0	16	4.2	29	0.78	2.0	9.2
VP-20-50	12/29/11	50	0	15	3.8	27	0.73	1.7	7.8
VP-20-57.5	12/29/11	57.5	0	20	4.5	29	0.86	2.0	9.0

Explanation
ft. bgs = feet below ground surface (approximate)
PV = purge volume
PCE = tetrachloroethene
TCE = trichloroethene
1,1-DCE = 1,1-dichloroethene
cis-1,2-DCE = cis-1,2-dichloroethene
1,1-DCA = 1,1-dichloroethane
1,1,1-TCA = 1,1,1-trichloroethane
µg/L = micrograms per liter of soil gas
ND = not detected above reporting limit
NA = not applicable
Note: EPA 8260B VOCs not listed were not detected

ATTACHMENT B

SITE MAP WITH SOIL GAS ANALYTICAL DATA

\\Estserver\projects\EST2700 To EST2799\EST2736\FIGURES\Soil Gas Surveys\Fig 1, 2020 E Orangethorpe, Fullerton - Vista Paint - 01/13/2012



VP-1	
TCE	NA
PCE	NA
1,1-DCE	NA

VP-2		
	10'	20'
TCE	ND	ND
PCE	5.2	6.5
1,1-DCE	9.4	10

VP-3		
	10'	20'
TCE	1.2	1.8
PCE	6.6	13
1,1-DCE	9.7	11

VP-4				
	10'	20'	30'	40'
TCE	2.5	2.6	5.9	7.6
PCE	26	28	53	69
1,1-DCE	17	16	44	51

VP-5		
	10'	20'
TCE	ND	2.0
PCE	14	32
1,1-DCE	3.2	6.8

VP-6						
	10'	20'	30'	40'	50'	60'
TCE	ND	ND	ND	ND	1.5	ND
PCE	11	13	14	25	4.3	1.4
1,1-DCE	3.7	5.0	6.6	13	4.3	4.8

VP-7		
	10'	20'
TCE	ND	ND
PCE	11	7.2
1,1-DCE	6.8	7.4

VP-8		
	10'	20'
TCE	ND	1.1
PCE	1.2	11
1,1-DCE	2.5	12

VP-9		
	10'	20'
TCE	ND	1.9
PCE	2.0	18
1,1-DCE	5.1	15

VP-10		
	10'	20'
TCE	ND	1.2
PCE	5.3	10
1,1-DCE	7.4	11

VP-11		
	10'	20'
TCE	1.8	2.6
PCE	13	16
1,1-DCE	8.7	21

VP-12		
	10'	20'
TCE	ND	2.6
PCE	2.1	12
1,1-DCE	18	20

VP-13		
	10'	20'
TCE	ND	ND
PCE	ND	3.1
1,1-DCE	1.6	2.4

VP-14						
	10'	20'	30'	40'	50'	59.5'
TCE	0.78	1.0	1.3	6.5	13	7.7
PCE	2.8	4.5	5.6	19	42	23
1,1-DCE	8.4	10	12	52	110	63

VP-15						
	10'	20'	30'	40'	50'	60'
TCE	2.0	3.4	10	11	10	5.3
PCE	8.8	14	40	39	29	19
1,1-DCE	13	19	61	66	62	27

VP-16						
	10'	20'	30'	40'	50'	59.5'
TCE	3.9	6.4	11	13	7.8	ND
PCE	32	44	70	69	44	ND
1,1-DCE	30	48	94	100	72	ND

VP-17						
	10'	20'	30'	40'	50'	57.5'
TCE	2.0	3.8	2.2	2.6	1.5	2.8
PCE	18	34	20	35	9.4	37
1,1-DCE	2.6	6.1	6.3	11	14	13

VP-18						
	10'	20'	30'	40'	50'	57.5'
TCE	0.65	0.77	1.3	0.29	0.96	3.2
PCE	7.9	13	23	3.2	7.3	66
1,1-DCE	1.9	1.7	4.4	3.0	8.6	11

VP-19						
	10'	20'	30'	40'	50'	60'
TCE	0.76	1.1	2.6	3.6	0.79	1.5
PCE	6.6	9.4	20	28	3.5	12
1,1-DCE	5.2	7.6	30	42	17	26

VP-20						
	10'	20'	30'	40'	50'	60'
TCE	1.4	2.3	3.1	4.2	3.8	4.5
PCE	5.9	8.8	8.3	16	15	20
1,1-DCE	9.3	14	26	29	27	29

0 120 240 FEET

APPROXIMATE SCALE

NOTE:

1,1-DCE - 1,1-DICHLOROETHENE
PCE - TETRACHLOROETHENE
TCE - TRICHLOROETHENE
ND - NOT DETECTED ABOVE REPORTING LIMIT

CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L) OF GAS

EXPLANATION

SOIL GAS SAMPLING LOCATIONS (FEBRUARY 2009)

SOIL GAS SAMPLING LOCATIONS (DECEMBER 2011)

FIGURE 1

SOIL GAS SAMPLING POINTS SHOWING DETECTED CONCENTRATIONS OF PCE, TCE & 1,1 DCE
2020 EAST ORANGETHORPE AVENUE
FULLERTON, CALIFORNIA

EST 2736
SOIL GAS SURVEY REPORT

DRAWN BY: VD SCALE: AS SHOWN DATE: 01/13/2012

ATTACHMENT C

EPA METHOD 8268B LABORATORY ANALYTICAL REPORTS FOR SOIL GAS

January 10, 2012

Mr. Michael Marello

Environmental Support Technologies

16510 Aston Street

Irvine, California 92606

RE: 2020 East Orangethorpe Avenue, Fullerton

Enclosed are the results of analyses for soil gas samples received by Environmental Support Technologies laboratory on 12/28/11 19:18-12/29/11 17:31. The analyses were performed according to the prescribed method as outlined by EPA 8260B. If you have any questions concerning this report, please feel free to contact Project Manager.

Sincerely,

Zalen Liley

Zalen Liley

Senior Chemist

Environmental Support Technologies laboratories are certified by the California Department of Health Services (CDHS), Environmental Laboratory Accreditation Program (ELAP) No's. 2772, 2773, and 2767.

Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

Reported:
10-Jan-12 10:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Analyzed
VP-15-20 1PV	3L12801-01	Air	28-Dec-11 12:50	28-Dec-11 13:08
VP-15-20 3PV	3L12801-02	Air	28-Dec-11 13:20	28-Dec-11 13:35
VP-15-20 7PV	3L12801-03	Air	28-Dec-11 13:45	28-Dec-11 14:01
VP-15-10	3L12801-04	Air	28-Dec-11 14:40	28-Dec-11 14:55
VP-15-30	3L12801-05	Air	28-Dec-11 15:05	28-Dec-11 15:22
VP-15-40	3L12801-06	Air	28-Dec-11 15:35	28-Dec-11 15:49
VP-15-50	3L12801-07	Air	28-Dec-11 16:00	28-Dec-11 16:15
VP-15-60	3L12801-08	Air	28-Dec-11 16:25	28-Dec-11 16:42
VP-14-10	3L12801-09	Air	28-Dec-11 16:55	28-Dec-11 17:08
VP-14-20	3L12801-10	Air	28-Dec-11 17:20	28-Dec-11 17:35
VP-14-30	3L12801-11	Air	28-Dec-11 17:45	28-Dec-11 18:01
VP-14-40	3L12901-01	Air	29-Dec-11 08:05	29-Dec-11 08:17
VP-14-50	3L12901-02	Air	29-Dec-11 08:55	29-Dec-11 09:10
VP-14-59.5	3L12901-03	Air	29-Dec-11 09:20	29-Dec-11 09:36
VP-16-10	3L12901-04	Air	29-Dec-11 09:50	29-Dec-11 10:02
VP-16-20	3L12901-05	Air	29-Dec-11 10:15	29-Dec-11 10:28
VP-16-30	3L12901-06	Air	29-Dec-11 10:40	29-Dec-11 10:55
VP-16-40	3L12901-07	Air	29-Dec-11 11:05	29-Dec-11 11:21
VP-17-10	3L12901-08	Air	29-Dec-11 11:35	29-Dec-11 11:48
VP-17-20	3L12901-09	Air	29-Dec-11 12:00	29-Dec-11 12:15
VP-17-30	3L12901-10	Air	29-Dec-11 12:25	29-Dec-11 12:41
VP-17-40	3L12901-11	Air	29-Dec-11 12:55	29-Dec-11 13:08
VP-17-50	3L12901-12	Air	29-Dec-11 13:20	29-Dec-11 13:34
VP-17-57.5	3L12901-13	Air	29-Dec-11 14:10	29-Dec-11 14:21
VP-20-10	3L12901-14	Air	29-Dec-11 14:35	29-Dec-11 14:47
VP-20-20	3L12901-15	Air	29-Dec-11 15:00	29-Dec-11 15:14
VP-20-30	3L12901-16	Air	29-Dec-11 15:25	29-Dec-11 15:41
VP-20-40	3L12901-17	Air	29-Dec-11 15:55	29-Dec-11 16:08

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Analyzed
VP-20-50	3L12901-18	Air	29-Dec-11 16:20	29-Dec-11 16:34
VP-20-57.5	3L12901-19	Air	29-Dec-11 16:45	29-Dec-11 17:01

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Environmental Support Technologies	Project:	2020 East Orangethorpe Avenue, Fullerton
16510 Aston Street	Project Number:	EST2736
Irvine, California 92606	Project Manager:	Mr. Michael Marello

Reported: 10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-15-20 1PV (3L12801-01) Air Sampled: 12/28/11 12:50 Analyzed: 12/28/11 13:08									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2801	12/28/11	12/28/11	EPA 8260B	
1,1,1-Trichloroethane	**4.6**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**1.3**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**16**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.80**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**15**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**3.4**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*94.8 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.2 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project:	2020 East Orangethorpe Avenue, Fullerton
16510 Aston Street	Project Number:	EST2736
Irvine, California 92606	Project Manager:	Mr. Michael Marello

Reported: 10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-15-20 3PV (3L12801-02) Air Sampled: 12/28/11 13:20 Analyzed: 12/28/11 13:35									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2801	12/28/11	12/28/11	EPA 8260B	
1,1,1-Trichloroethane	**4.4**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**1.2**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**19**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.81**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**15**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**3.4**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*93.6 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.8 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project:	2020 East Orangethorpe Avenue, Fullerton
16510 Aston Street	Project Number:	EST2736
Irvine, California 92606	Project Manager:	Mr. Michael Marello

Reported: 10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-15-20 7PV (3L12801-03) Air Sampled: 12/28/11 13:45 Analyzed: 12/28/11 14:01									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2801	12/28/11	12/28/11	EPA 8260B	
1,1,1-Trichloroethane	**4.4**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**1.2**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**19**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.79**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**14**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**3.4**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*		*75-125*		"	"	"	
Surrogate: Toluene-d8		*93.9 %*		*75-125*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.7 %*		*75-125*		"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-15-10 (3L12801-04) Air Sampled: 12/28/11 14:40 Analyzed: 12/28/11 14:55									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2801	12/28/11	12/28/11	EPA 8260B	
1,1,1-Trichloroethane	**3.2**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**0.78**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**13**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.40**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**8.8**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**2.0**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*92.6 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.4 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project:	2020 East Orangethorpe Avenue, Fullerton
16510 Aston Street	Project Number:	EST2736
Irvine, California 92606	Project Manager:	Mr. Michael Marello

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Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-15-30 (3L12801-05) Air Sampled: 12/28/11 15:05 Analyzed: 12/28/11 15:22									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2801	12/28/11	12/28/11	EPA 8260B	
1,1,1-Trichloroethane	**13**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**4.4**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**61**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**3.6**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**40**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**10**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*93.9 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.5 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

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Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-15-40 (3L12801-06) Air Sampled: 12/28/11 15:35 Analyzed: 12/28/11 15:49									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2801	12/28/11	12/28/11	EPA 8260B	
1,1,1-Trichloroethane	**14**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**4.6**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**66**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**4.0**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**39**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**11**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*		*75-125*		"	"	"	
Surrogate: Toluene-d8		*93.8 %*		*75-125*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.3 %*		*75-125*		"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-15-50 (3L12801-07) Air Sampled: 12/28/11 16:00 Analyzed: 12/28/11 16:15									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2801	12/28/11	12/28/11	EPA 8260B	
1,1,1-Trichloroethane	**12**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**4.2**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**62**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**3.8**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**29**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**10**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*89.3 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.9 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

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Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-15-60 (3L12801-08) Air Sampled: 12/28/11 16:25 Analyzed: 12/28/11 16:42									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2801	12/28/11	12/28/11	EPA 8260B	
1,1,1-Trichloroethane	**5.7**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**1.8**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**27**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1.8**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**19**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**5.3**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99.9 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*96.3 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.7 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

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Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-14-10 (3L12801-09) Air Sampled: 12/28/11 16:55 Analyzed: 12/28/11 17:08									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2801	12/28/11	12/28/11	EPA 8260B	
1,1,1-Trichloroethane	**1.2**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**8.4**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**2.8**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**0.78**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99.4 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*95.0 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85.9 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-14-20 (3L12801-10) Air Sampled: 12/28/11 17:20 Analyzed: 12/28/11 17:35									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2801	12/28/11	12/28/11	EPA 8260B	
1,1,1-Trichloroethane	**1.5**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**10**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**4.5**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**1.0**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*97.0 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.9 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

Reported:
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Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-14-30 (3L12801-11) Air Sampled: 12/28/11 17:45 Analyzed: 12/28/11 18:01									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2801	12/28/11	12/28/11	EPA 8260B	
1,1,1-Trichloroethane	**1.9**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**0.28**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**12**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**5.6**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**1.3**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98.4 %*		*75-125*		"	"	"	
Surrogate: Toluene-d8		*96.9 %*		*75-125*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*85.8 %*		*75-125*		"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-14-40 (3L12901-01) Air Sampled: 12/29/11 08:05 Analyzed: 12/29/11 08:17									
1,1,1,2-Tetrachloroethane	ND	0.40	ug/l	2	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**7.1**	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	**1.5**	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	**52**	0.20	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.40	"	"	"	"	"	"	
Benzene	ND	0.20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1.0**	0.40	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.40	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
meta- and para-Xylenes	ND	1.0	"	"	"	"	"	"	
Methylene Chloride	ND	0.40	"	"	"	"	"	"	
ortho-Xylene	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**19**	0.20	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Trichloroethene	**6.5**	0.20	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.40	"	"	"	"	"	"	
Vinyl Chloride	ND	0.20	"	"	"	"	"	"	
2-Propanol	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*90.9 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*98.9 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.2 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

Reported:
10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-14-50 (3L12901-02) Air Sampled: 12/29/11 08:55 Analyzed: 12/29/11 09:10									
1,1,1,2-Tetrachloroethane	ND	0.40	ug/l	2	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**15**	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	**3.2**	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	**110**	0.20	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.40	"	"	"	"	"	"	
Benzene	ND	0.20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**2.2**	0.40	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.40	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
meta- and para-Xylenes	ND	1.0	"	"	"	"	"	"	
Methylene Chloride	ND	0.40	"	"	"	"	"	"	
ortho-Xylene	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**42**	0.20	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Trichloroethene	**13**	0.20	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.40	"	"	"	"	"	"	
Vinyl Chloride	ND	0.20	"	"	"	"	"	"	
2-Propanol	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*97.7 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*98.6 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.2 %*	*75-125*		"	"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-14-59.5 (3L12901-03) Air Sampled: 12/29/11 09:20 Analyzed: 12/29/11 09:36									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**8.9**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**1.9**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**63**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1.3**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**23**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**7.7**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-125*		"	"	"	
Surrogate: Toluene-d8		*96.3 %*		*75-125*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.9 %*		*75-125*		"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-16-10 (3L12901-04) Air Sampled: 12/29/11 09:50 Analyzed: 12/29/11 10:02									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**8.3**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**1.6**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**30**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.85**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**32**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**3.9**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*98.7 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.3 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-16-20 (3L12901-05) Air Sampled: 12/29/11 10:15 Analyzed: 12/29/11 10:28									
1,1,1,2-Tetrachloroethane	ND	0.40	ug/l	2	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**11**	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	**2.3**	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	**48**	0.20	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.40	"	"	"	"	"	"	
Benzene	ND	0.20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1.3**	0.40	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.40	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
meta- and para-Xylenes	ND	1.0	"	"	"	"	"	"	
Methylene Chloride	ND	0.40	"	"	"	"	"	"	
ortho-Xylene	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**44**	0.20	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Trichloroethene	**6.4**	0.20	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.40	"	"	"	"	"	"	
Vinyl Chloride	ND	0.20	"	"	"	"	"	"	
2-Propanol	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*97.5 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.5 %*	*75-125*		"	"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-16-30 (3L12901-06) Air Sampled: 12/29/11 10:40 Analyzed: 12/29/11 10:55									
1,1,1,2-Tetrachloroethane	ND	0.40	ug/l	2	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**17**	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	**4.8**	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	**94**	0.20	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.40	"	"	"	"	"	"	
Benzene	ND	0.20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**3.1**	0.40	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.40	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
meta- and para-Xylenes	ND	1.0	"	"	"	"	"	"	
Methylene Chloride	ND	0.40	"	"	"	"	"	"	
ortho-Xylene	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**70**	0.20	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Trichloroethene	**11**	0.20	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.40	"	"	"	"	"	"	
Vinyl Chloride	ND	0.20	"	"	"	"	"	"	
2-Propanol	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*96.7 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.0 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-16-40 (3L12901-07) Air Sampled: 12/29/11 11:05 Analyzed: 12/29/11 11:21									
1,1,1,2-Tetrachloroethane	ND	0.40	ug/l	2	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**16**	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	**5.4**	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	**100**	0.20	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.40	"	"	"	"	"	"	
Benzene	ND	0.20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**3.7**	0.40	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.40	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
meta- and para-Xylenes	ND	1.0	"	"	"	"	"	"	
Methylene Chloride	ND	0.40	"	"	"	"	"	"	
ortho-Xylene	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**69**	0.20	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Trichloroethene	**13**	0.20	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.40	"	"	"	"	"	"	
Vinyl Chloride	ND	0.20	"	"	"	"	"	"	
2-Propanol	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*93.0 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.6 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-17-10 (3L12901-08) Air Sampled: 12/29/11 11:35 Analyzed: 12/29/11 11:48									
1,1,1,2-Tetrachloroethane	ND	0.40	ug/l	2	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**6.1**	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	**0.44**	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	**2.6**	0.20	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.40	"	"	"	"	"	"	
Benzene	ND	0.20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.40	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
meta- and para-Xylenes	ND	1.0	"	"	"	"	"	"	
Methylene Chloride	ND	0.40	"	"	"	"	"	"	
ortho-Xylene	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**18**	0.20	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Trichloroethene	**2.0**	0.20	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.40	"	"	"	"	"	"	
Vinyl Chloride	ND	0.20	"	"	"	"	"	"	
2-Propanol	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*97.6 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.3 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-17-20 (3L12901-09) Air Sampled: 12/29/11 12:00 Analyzed: 12/29/11 12:15									
1,1,1,2-Tetrachloroethane	ND	0.40	ug/l	2	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**14**	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	**1.1**	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	**6.1**	0.20	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.40	"	"	"	"	"	"	
Benzene	ND	0.20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.84**	0.40	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.40	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
meta- and para-Xylenes	ND	1.0	"	"	"	"	"	"	
Methylene Chloride	ND	0.40	"	"	"	"	"	"	
ortho-Xylene	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**34**	0.20	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Trichloroethene	**3.8**	0.20	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.40	"	"	"	"	"	"	
Vinyl Chloride	ND	0.20	"	"	"	"	"	"	
2-Propanol	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*110 %*		*75-125*		"	"	"	
Surrogate: Toluene-d8		*92.6 %*		*75-125*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.1 %*		*75-125*		"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-17-30 (3L12901-10) Air Sampled: 12/29/11 12:25 Analyzed: 12/29/11 12:41									
1,1,1,2-Tetrachloroethane	ND	0.40	ug/l	2	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**11**	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	**0.70**	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	**6.3**	0.20	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.40	"	"	"	"	"	"	
Benzene	ND	0.20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.40	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
meta- and para-Xylenes	ND	1.0	"	"	"	"	"	"	
Methylene Chloride	ND	0.40	"	"	"	"	"	"	
ortho-Xylene	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**20**	0.20	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Trichloroethene	**2.2**	0.20	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.40	"	"	"	"	"	"	
Vinyl Chloride	ND	0.20	"	"	"	"	"	"	
2-Propanol	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*92.6 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.2 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

Reported:
10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-17-40 (3L12901-11) Air Sampled: 12/29/11 12:55 Analyzed: 12/29/11 13:08									
1,1,1,2-Tetrachloroethane	ND	0.40	ug/l	2	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**13**	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	**0.86**	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	**11**	0.20	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.40	"	"	"	"	"	"	
Benzene	ND	0.20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.40	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
meta- and para-Xylenes	ND	1.0	"	"	"	"	"	"	
Methylene Chloride	ND	0.40	"	"	"	"	"	"	
ortho-Xylene	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**35**	0.20	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Trichloroethene	**2.6**	0.20	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.40	"	"	"	"	"	"	
Vinyl Chloride	ND	0.20	"	"	"	"	"	"	
2-Propanol	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*98.9 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.6 %*	*75-125*		"	"	"	"	

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16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-17-50 (3L12901-12) Air Sampled: 12/29/11 13:20 Analyzed: 12/29/11 13:34									
1,1,1,2-Tetrachloroethane	ND	0.40	ug/l	2	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**14**	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	**0.80**	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	**14**	0.20	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.40	"	"	"	"	"	"	
Benzene	ND	0.20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.40	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
meta- and para-Xylenes	ND	1.0	"	"	"	"	"	"	
Methylene Chloride	ND	0.40	"	"	"	"	"	"	
ortho-Xylene	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**9.4**	0.20	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Trichloroethene	**1.5**	0.20	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.40	"	"	"	"	"	"	
Vinyl Chloride	ND	0.20	"	"	"	"	"	"	
2-Propanol	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*96.8 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.6 %*		*75-125*	"	"	"	"	

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Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-17-57.5 (3L12901-13) Air Sampled: 12/29/11 14:10 Analyzed: 12/29/11 14:21									
1,1,1,2-Tetrachloroethane	ND	0.40	ug/l	2	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**16**	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	**1.1**	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	**13**	0.20	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.40	"	"	"	"	"	"	
Benzene	ND	0.20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.48**	0.40	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.40	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
meta- and para-Xylenes	ND	1.0	"	"	"	"	"	"	
Methylene Chloride	ND	0.40	"	"	"	"	"	"	
ortho-Xylene	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**37**	0.20	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Trichloroethene	**2.8**	0.20	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.40	"	"	"	"	"	"	
Vinyl Chloride	ND	0.20	"	"	"	"	"	"	
2-Propanol	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*112 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*94.5 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*75-125*	"	"	"	"	

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16510 Aston Street	Project Number: EST2736	**Reported:**
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Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-20-10 (3L12901-14) Air Sampled: 12/29/11 14:35 Analyzed: 12/29/11 14:47									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**3.1**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**0.41**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**9.3**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**5.9**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**1.4**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*112 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*88.9 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.8 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-20-20 (3L12901-15) Air Sampled: 12/29/11 15:00 Analyzed: 12/29/11 15:14									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**4.4**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**0.74**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**14**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**8.8**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**2.3**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*116 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*91.3 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.9 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-20-30 (3L12901-16) Air Sampled: 12/29/11 15:25 Analyzed: 12/29/11 15:41									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**7.8**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**1.6**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**26**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.56**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**8.3**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**3.1**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*110 %*		*75-125*		"	"	"	
Surrogate: Toluene-d8		*91.0 %*		*75-125*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.3 %*		*75-125*		"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-20-40 (3L12901-17) Air Sampled: 12/29/11 15:55 Analyzed: 12/29/11 16:08									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**9.2**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**2.0**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**29**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.78**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**16**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**4.2**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*111 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*90.6 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.7 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project:	2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number:	EST2736	**Reported:**
Irvine, California 92606	Project Manager:	Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-20-50 (3L12901-18) Air Sampled: 12/29/11 16:20 Analyzed: 12/29/11 16:34									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**7.8**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**1.7**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**27**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.73**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**15**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**3.8**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*96.7 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.1 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:33

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-20-57.5 (3L12901-19) Air Sampled: 12/29/11 16:45 Analyzed: 12/29/11 17:01									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	31L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**9.0**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**2.0**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**29**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.86**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**20**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**4.5**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*95.4 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.1 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project:	2020 East Orangethorpe Avenue, Fullerton
16510 Aston Street	Project Number:	EST2736
Irvine, California 92606	Project Manager:	Mr. Michael Marello

Reported: 10-Jan-12 10:33

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 31L2801 - Volatiles										
Blank (31L2801-BLK1)				Prepared & Analyzed: 12/28/11						
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l							
1,1,1-Trichloroethane	ND	0.20	"							
1,1,2,2-Tetrachloroethane	ND	0.20	"							
1,1,2-Trichloroethane	ND	0.20	"							
1,1,2-Trichloro-trifluoroethane	ND	0.20	"							
1,1-Dichloroethane	ND	0.20	"							
1,1-Dichloroethene	ND	0.10	"							
1,2-Dichloroethane	ND	0.20	"							
Benzene	ND	0.10	"							
Carbon tetrachloride	ND	0.20	"							
Chloroethane	ND	0.20	"							
Chloroform	ND	0.20	"							
cis-1,2-Dichloroethene	ND	0.20	"							
Dichlorodifluoromethane	ND	0.20	"							
Ethylbenzene	ND	0.20	"							
meta- and para-Xylenes	ND	0.50	"							
Methylene Chloride	ND	0.20	"							
ortho-Xylene	ND	0.20	"							
Tetrachloroethene	ND	0.10	"							
Toluene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.20	"							
Trichloroethene	ND	0.10	"							
Trichlorofluoromethane	ND	0.20	"							
Vinyl Chloride	ND	0.10	"							
2-Propanol	ND	10	"							
Surrogate: Dibromofluoromethane	*11.4*		*"*	*12.5*		*90.8*	*75-125*			
Surrogate: Toluene-d8	*12.6*		*"*	*12.5*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*10.8*		*"*	*12.5*		*86.8*	*75-125*			

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

Reported:
10-Jan-12 10:33

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 31L2801 - Volatiles										
LCS (31L2801-BS1)				Prepared & Analyzed: 12/28/11						
1,1,1,2-Tetrachloroethane	12.6	0.20	ug/l	12.5		101	75-136			
1,1,1-Trichloroethane	13.1	0.20	"	12.5		105	73-134			
1,1,2,2-Tetrachloroethane	9.94	0.20	"	12.5		79.5	56-149			
1,1,2-Trichloroethane	11.4	0.20	"	12.5		91.1	67-137			
1,1,2-Trichloro-trifluoroethane	15.3	0.20	"	12.5		123	83-125			
1,1-Dichloroethane	12.4	0.20	"	12.5		99.6	80-121			
1,1-Dichloroethene	13.2	0.10	"	12.5		106	73-137			
1,2-Dichloroethane	10.2	0.20	"	12.5		81.6	75-131			
Benzene	12.0	0.10	"	12.5		95.8	79-118			
Carbon tetrachloride	12.7	0.20	"	12.5		102	74-143			
Chloroethane	11.6	0.20	"	12.5		92.7	60-137			
Chloroform	12.9	0.20	"	12.5		103	82-119			
cis-1,2-Dichloroethene	12.8	0.20	"	12.5		102	85-116			
Dichlorodifluoromethane	9.35	0.20	"	12.5		74.8	47-129			
Ethylbenzene	11.8	0.20	"	12.5		94.2	83-115			
meta- and para-Xylenes	23.1	0.50	"	25.0		92.5	83-115			
Methylene Chloride	13.4	0.20	"	12.5		107	81-126			
ortho-Xylene	12.8	0.20	"	12.5		103	85-115			
Tetrachloroethene	11.5	0.10	"	12.5		92.1	66-144			
Toluene	11.5	0.50	"	12.5		92.0	70-115			
trans-1,2-Dichloroethene	13.1	0.20	"	12.5		105	72-133			
Trichloroethene	12.9	0.10	"	12.5		103	68-132			
Trichlorofluoromethane	12.3	0.20	"	12.5		98.7	62-144			
Vinyl Chloride	10.7	0.10	"	12.5		85.8	66-137			
Surrogate: Dibromofluoromethane	*12.0*		*"*	*12.5*		*96.2*	*75-125*			
Surrogate: Toluene-d8	*12.2*		*"*	*12.5*		*97.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*10.7*		*"*	*12.5*		*85.8*	*75-125*			

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Environmental Support Technologies	Project:	2020 East Orangethorpe Avenue, Fullerton
16510 Aston Street	Project Number:	EST2736
Irvine, California 92606	Project Manager:	Mr. Michael Marello

Reported: 10-Jan-12 10:33

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 31L2801 - Volatiles										
Duplicate (31L2801-DUP1)	**Source: 3L12801-03**		Prepared & Analyzed: 12/28/11							
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l		ND				50	
1,1,1-Trichloroethane	4.60	0.20	"		4.39			4.67	50	
1,1,2,2-Tetrachloroethane	ND	0.20	"		ND				50	
1,1,2-Trichloroethane	ND	0.20	"		ND				50	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"		ND				50	
1,1-Dichloroethane	1.24	0.20	"		1.22			1.63	50	
1,1-Dichloroethene	18.5	0.10	"		19.0			2.99	50	
1,2-Dichloroethane	ND	0.20	"		ND				50	
Benzene	ND	0.10	"		ND				50	
Carbon tetrachloride	ND	0.20	"		ND				50	
Chloroethane	ND	0.20	"		ND				50	
Chloroform	ND	0.20	"		ND				50	
cis-1,2-Dichloroethene	0.850	0.20	"		0.790			7.32	50	
Dichlorodifluoromethane	ND	0.20	"		ND				50	
Ethylbenzene	ND	0.20	"		ND				50	
meta- and para-Xylenes	ND	0.50	"		ND				50	
Methylene Chloride	ND	0.20	"		ND				50	
ortho-Xylene	ND	0.20	"		ND				50	
Tetrachloroethene	15.0	0.10	"		14.1			5.78	50	
Toluene	0.280	0.50	"		ND				50	
trans-1,2-Dichloroethene	ND	0.20	"		ND				50	
Trichloroethene	3.57	0.10	"		3.36			6.06	50	
Trichlorofluoromethane	ND	0.20	"		ND				50	
Vinyl Chloride	ND	0.10	"		ND				50	
2-Propanol	ND	10	"		ND				200	
Surrogate: Dibromofluoromethane	*13.0*		*"*	*12.5*		*104*	*75-125*			
Surrogate: Toluene-d8	*11.7*		*"*	*12.5*		*93.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*11.8*		*"*	*12.5*		*94.2*	*75-125*			

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Environmental Support Technologies	Project:	2020 East Orangethorpe Avenue, Fullerton
16510 Aston Street	Project Number:	EST2736
Irvine, California 92606	Project Manager:	Mr. Michael Marello

Reported: 10-Jan-12 10:33

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 31L2901 - Volatiles										
Blank (31L2901-BLK1)				Prepared & Analyzed: 12/29/11						
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l							
1,1,1-Trichloroethane	ND	0.20	"							
1,1,2,2-Tetrachloroethane	ND	0.20	"							
1,1,2-Trichloroethane	ND	0.20	"							
1,1,2-Trichloro-trifluoroethane	ND	0.20	"							
1,1-Dichloroethane	ND	0.20	"							
1,1-Dichloroethene	ND	0.10	"							
1,2-Dichloroethane	ND	0.20	"							
Benzene	ND	0.10	"							
Carbon tetrachloride	ND	0.20	"							
Chloroethane	ND	0.20	"							
Chloroform	ND	0.20	"							
cis-1,2-Dichloroethene	ND	0.20	"							
Dichlorodifluoromethane	ND	0.20	"							
Ethylbenzene	ND	0.20	"							
meta- and para-Xylenes	ND	0.50	"							
Methylene Chloride	ND	0.20	"							
ortho-Xylene	ND	0.20	"							
Tetrachloroethene	ND	0.10	"							
Toluene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.20	"							
Trichloroethene	ND	0.10	"							
Trichlorofluoromethane	ND	0.20	"							
Vinyl Chloride	ND	0.10	"							
2-Propanol	ND	10	"							
Surrogate: Dibromofluoromethane	*12.5*		*"*	*12.5*		*100*	*75-125*			
Surrogate: Toluene-d8	*11.8*		*"*	*12.5*		*94.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*11.6*		*"*	*12.5*		*92.8*	*75-125*			

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

Reported:
10-Jan-12 10:33

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 31L2901 - Volatiles										
LCS (31L2901-BS1)				Prepared & Analyzed: 12/29/11						
1,1,1,2-Tetrachloroethane	13.6	0.20	ug/l	12.5		109	75-136			
1,1,1-Trichloroethane	13.8	0.20	"	12.5		111	73-134			
1,1,2,2-Tetrachloroethane	11.5	0.20	"	12.5		92.3	56-149			
1,1,2-Trichloroethane	13.0	0.20	"	12.5		104	67-137			
1,1,2-Trichloro-trifluoroethane	14.7	0.20	"	12.5		118	83-125			
1,1-Dichloroethane	12.9	0.20	"	12.5		104	80-121			
1,1-Dichloroethene	12.8	0.10	"	12.5		102	73-137			
1,2-Dichloroethane	12.1	0.20	"	12.5		96.6	75-131			
Benzene	12.4	0.10	"	12.5		99.2	79-118			
Carbon tetrachloride	13.7	0.20	"	12.5		110	74-143			
Chloroethane	9.66	0.20	"	12.5		77.3	60-137			
Chloroform	14.2	0.20	"	12.5		114	82-119			
cis-1,2-Dichloroethene	12.7	0.20	"	12.5		102	85-116			
Dichlorodifluoromethane	11.3	0.20	"	12.5		90.5	47-129			
Ethylbenzene	12.1	0.20	"	12.5		96.5	83-115			
meta- and para-Xylenes	23.5	0.50	"	25.0		94.0	83-115			
Methylene Chloride	13.7	0.20	"	12.5		109	81-126			
ortho-Xylene	13.1	0.20	"	12.5		105	85-115			
Tetrachloroethene	11.5	0.10	"	12.5		91.8	66-144			
Toluene	11.5	0.50	"	12.5		92.1	70-115			
trans-1,2-Dichloroethene	13.6	0.20	"	12.5		109	72-133			
Trichloroethene	13.8	0.10	"	12.5		111	68-132			
Trichlorofluoromethane	12.8	0.20	"	12.5		102	62-144			
Vinyl Chloride	11.7	0.10	"	12.5		93.6	66-137			
Surrogate: Dibromofluoromethane	*12.8*		*"*	*12.5*		*102*	*75-125*			
Surrogate: Toluene-d8	*11.9*		*"*	*12.5*		*95.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*11.3*		*"*	*12.5*		*90.7*	*75-125*			

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Environmental Support Technologies	Project:	2020 East Orangethorpe Avenue, Fullerton
16510 Aston Street	Project Number:	EST2736
Irvine, California 92606	Project Manager:	Mr. Michael Marello

Reported: 10-Jan-12 10:33

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 31L2901 - Volatiles										
Duplicate (31L2901-DUP1)	**Source: 3L12901-01**			Prepared & Analyzed: 12/29/11						
1,1,1,2-Tetrachloroethane	ND	0.40	ug/l		ND				50	
1,1,1-Trichloroethane	7.56	0.40	"		7.06			6.84	50	
1,1,2,2-Tetrachloroethane	ND	0.40	"		ND				50	
1,1,2-Trichloroethane	ND	0.40	"		ND				50	
1,1,2-Trichloro-trifluoroethane	ND	0.40	"		ND				50	
1,1-Dichloroethane	1.66	0.40	"		1.46			12.8	50	
1,1-Dichloroethene	56.2	0.20	"		52.3			7.22	50	
1,2-Dichloroethane	ND	0.40	"		ND				50	
Benzene	ND	0.20	"		ND				50	
Carbon tetrachloride	ND	0.40	"		ND				50	
Chloroethane	ND	0.40	"		ND				50	
Chloroform	ND	0.40	"		ND				50	
cis-1,2-Dichloroethene	0.960	0.40	"		1.04			8.00	50	
Dichlorodifluoromethane	ND	0.40	"		ND				50	
Ethylbenzene	ND	0.40	"		ND				50	
meta- and para-Xylenes	ND	1.0	"		ND				50	
Methylene Chloride	ND	0.40	"		ND				50	
ortho-Xylene	ND	0.40	"		ND				50	
Tetrachloroethene	20.0	0.20	"		18.8			6.40	50	
Toluene	ND	1.0	"		ND				50	
trans-1,2-Dichloroethene	ND	0.40	"		ND				50	
Trichloroethene	6.68	0.20	"		6.48			3.04	50	
Trichlorofluoromethane	ND	0.40	"		ND				50	
Vinyl Chloride	ND	0.20	"		ND				50	
2-Propanol	ND	20	"		ND				200	
Surrogate: Dibromofluoromethane	*11.6*		*"*	*12.5*		*93.1*	*75-125*			
Surrogate: Toluene-d8	*12.6*		*"*	*12.5*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*11.1*		*"*	*12.5*		*88.5*	*75-125*			

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Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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January 10, 2012

Mr. Michael Marello

Environmental Support Technologies

16510 Aston Street

Irvine, California 92606

RE: 2020 East Orangethorpe Avenue, Fullerton

Enclosed are the results of analyses for soil gas samples received by Environmental Support Technologies laboratory on 12/29/11 06:50. The analyses were performed according to the prescribed method as outlined by EPA 8260B. If you have any questions concerning this report, please feel free to contact Project Manager.

Sincerely,

Zalen Liley

Zalen Liley

Senior Chemist

Environmental Support Technologies laboratories are certified by the California Department of Health Services (CDHS), Environmental Laboratory Accreditation Program (ELAP) No's. 2772, 2773, and 2767.

Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

Reported:
10-Jan-12 10:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Analyzed
VP-16-50	4L12901-01	Air	29-Dec-11 08:32	29-Dec-11 08:46
VP-16-60	4L12901-02	Air	29-Dec-11 09:37	29-Dec-11 09:51
VP-18-57.5	4L12901-03	Air	29-Dec-11 10:22	29-Dec-11 10:36
VP-18-50	4L12901-04	Air	29-Dec-11 10:46	29-Dec-11 11:00
VP-18-40	4L12901-05	Air	29-Dec-11 11:12	29-Dec-11 11:26
VP-18-30	4L12901-06	Air	29-Dec-11 11:39	29-Dec-11 11:53
VP-18-20	4L12901-07	Air	29-Dec-11 12:04	29-Dec-11 12:18
VP-18-10	4L12901-08	Air	29-Dec-11 12:28	29-Dec-11 12:42
VP-19-57.5	4L12901-09	Air	29-Dec-11 13:18	29-Dec-11 13:31
VP-19-50	4L12901-10	Air	29-Dec-11 13:45	29-Dec-11 13:59
VP-19-30	4L12901-12	Air	29-Dec-11 14:36	29-Dec-11 14:50

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Environmental Support Technologies	Project:	2020 East Orangethorpe Avenue, Fullerton
16510 Aston Street	Project Number:	EST2736
Irvine, California 92606	Project Manager:	Mr. Michael Marello

Reported: 10-Jan-12 10:23

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-16-50 (4L12901-01) Air Sampled: 12/29/11 08:32 Analyzed: 12/29/11 08:46									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	41L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**9.5**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**3.6**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**72**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**2.5**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**44**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**7.8**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98.4 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*97.0 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.2 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:23

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-16-60 (4L12901-02) Air Sampled: 12/29/11 09:37 Analyzed: 12/29/11 09:51									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	41L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	ND	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.8 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project:	2020 East Orangethorpe Avenue, Fullerton
16510 Aston Street	Project Number:	EST2736
Irvine, California 92606	Project Manager:	Mr. Michael Marello

Reported: 10-Jan-12 10:23

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-18-57.5 (4L12901-03) Air Sampled: 12/29/11 10:22 Analyzed: 12/29/11 10:36									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	41L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**15**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**0.97**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**11**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.30**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**66**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**3.2**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*75-125*		"	"	"	
Surrogate: Toluene-d8		*99.9 %*		*75-125*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.7 %*		*75-125*		"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:23

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-18-50 (4L12901-04) Air Sampled: 12/29/11 10:46 Analyzed: 12/29/11 11:00									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	41L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**8.5**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**0.41**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**8.6**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**7.3**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**0.96**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*99.0 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project:	2020 East Orangethorpe Avenue, Fullerton
16510 Aston Street	Project Number:	EST2736
Irvine, California 92606	Project Manager:	Mr. Michael Marello

Reported: 10-Jan-12 10:23

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-18-40 (4L12901-05) Air Sampled: 12/29/11 11:12 Analyzed: 12/29/11 11:26									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	41L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**1.8**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**3.0**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**3.2**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**0.29**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*		*75-125*		"	"	"	
Surrogate: Toluene-d8		*93.5 %*		*75-125*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.6 %*		*75-125*		"	"	"	

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Environmental Support Technologies	Project:	2020 East Orangethorpe Avenue, Fullerton
16510 Aston Street	Project Number:	EST2736
Irvine, California 92606	Project Manager:	Mr. Michael Marello

Reported: 10-Jan-12 10:23

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-18-30 (4L12901-06) Air Sampled: 12/29/11 11:39 Analyzed: 12/29/11 11:53									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	41L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**5.3**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**0.44**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**4.4**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	**0.11**	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**23**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**1.3**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*98.2 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

Reported:
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Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-18-20 (4L12901-07) Air Sampled: 12/29/11 12:04 Analyzed: 12/29/11 12:18									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	41L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**3.9**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**0.28**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**1.7**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**13**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**0.77**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*95.8 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.2 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

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Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-18-10 (4L12901-08) Air Sampled: 12/29/11 12:28 Analyzed: 12/29/11 12:42									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	41L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**3.6**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**1.9**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**7.9**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**0.65**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99.3 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*91.4 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.0 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

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Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-19-57.5 (4L12901-09) Air Sampled: 12/29/11 13:18 Analyzed: 12/29/11 13:31									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	41L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**3.2**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**0.93**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**26**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**12**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**1.5**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*98.6 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.6 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

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Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-19-50 (4L12901-10) Air Sampled: 12/29/11 13:45 Analyzed: 12/29/11 13:59									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	41L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**2.3**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**0.59**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**17**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**3.5**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**0.79**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*90.8 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*83.0 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.7 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:23

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-19-30 (4L12901-12) Air Sampled: 12/29/11 14:36 Analyzed: 12/29/11 14:50									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	41L2901	12/29/11	12/29/11	EPA 8260B	
1,1,1-Trichloroethane	**6.8**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**1.6**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**30**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.22**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**20**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**2.6**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*88.3 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*81.4 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.0 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project:	2020 East Orangethorpe Avenue, Fullerton
16510 Aston Street	Project Number:	EST2736
Irvine, California 92606	Project Manager:	Mr. Michael Marello

Reported: 10-Jan-12 10:23

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 41L2901 - Volatiles										
Blank (41L2901-BLK1)				Prepared & Analyzed: 12/29/11						
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l							
1,1,1-Trichloroethane	ND	0.20	"							
1,1,2,2-Tetrachloroethane	ND	0.20	"							
1,1,2-Trichloroethane	ND	0.20	"							
1,1,2-Trichloro-trifluoroethane	ND	0.20	"							
1,1-Dichloroethane	ND	0.20	"							
1,1-Dichloroethene	ND	0.10	"							
1,2-Dichloroethane	ND	0.20	"							
Benzene	ND	0.10	"							
Carbon tetrachloride	ND	0.20	"							
Chloroethane	ND	0.20	"							
Chloroform	ND	0.20	"							
cis-1,2-Dichloroethene	ND	0.20	"							
Dichlorodifluoromethane	ND	0.20	"							
Ethylbenzene	ND	0.20	"							
meta- and para-Xylenes	ND	0.50	"							
Methylene Chloride	ND	0.20	"							
ortho-Xylene	ND	0.20	"							
Tetrachloroethene	ND	0.10	"							
Toluene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.20	"							
Trichloroethene	ND	0.10	"							
Trichlorofluoromethane	ND	0.20	"							
Vinyl Chloride	ND	0.10	"							
2-Propanol	ND	10	"							
Surrogate: Dibromofluoromethane	*12.1*		*"*	*12.5*		*96.9*	*75-125*			
Surrogate: Toluene-d8	*13.0*		*"*	*12.5*		*104*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*11.5*		*"*	*12.5*		*92.3*	*75-125*			

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

Reported:
10-Jan-12 10:23

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 41L2901 - Volatiles										
LCS (41L2901-BS1)				Prepared & Analyzed: 12/29/11						
1,1,1,2-Tetrachloroethane	14.2	0.20	ug/l	12.5		113	75-136			
1,1,1-Trichloroethane	15.3	0.20	"	12.5		122	73-134			
1,1,2,2-Tetrachloroethane	11.7	0.20	"	12.5		93.8	56-149			
1,1,2-Trichloroethane	11.2	0.20	"	12.5		89.6	67-137			
1,1,2-Trichloro-trifluoroethane	16.8	0.20	"	12.5		135	83-125			QL-H
1,1-Dichloroethane	14.9	0.20	"	12.5		120	80-121			
1,1-Dichloroethene	15.3	0.10	"	12.5		123	73-137			
1,2-Dichloroethane	12.7	0.20	"	12.5		102	75-131			
Benzene	15.3	0.10	"	12.5		122	79-118			QL-H1
Carbon tetrachloride	15.4	0.20	"	12.5		123	74-143			
Chloroethane	18.6	0.20	"	12.5		149	60-137			QL-H
Chloroform	14.7	0.20	"	12.5		117	82-119			
cis-1,2-Dichloroethene	14.2	0.20	"	12.5		114	85-116			
Dichlorodifluoromethane	14.9	0.20	"	12.5		119	47-129			
Ethylbenzene	15.7	0.20	"	12.5		126	83-115			QL-H1
meta- and para-Xylenes	31.2	0.50	"	25.0		125	83-115			QL-H
Methylene Chloride	14.6	0.20	"	12.5		117	81-126			
ortho-Xylene	16.2	0.20	"	12.5		130	85-115			QL-H1
Tetrachloroethene	14.0	0.10	"	12.5		112	66-144			
Toluene	14.2	0.50	"	12.5		113	70-115			
trans-1,2-Dichloroethene	14.7	0.20	"	12.5		117	72-133			
Trichloroethene	15.0	0.10	"	12.5		120	68-132			
Trichlorofluoromethane	15.6	0.20	"	12.5		125	62-144			
Vinyl Chloride	14.7	0.10	"	12.5		118	66-137			
Surrogate: Dibromofluoromethane	*12.2*		*"*	*12.5*		*97.8*	*75-125*			
Surrogate: Toluene-d8	*12.7*		*"*	*12.5*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*12.4*		*"*	*12.5*		*99.1*	*75-125*			

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

Reported:
10-Jan-12 10:23

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 41L2901 - Volatiles										
Duplicate (41L2901-DUP1)	**Source: 4L12901-08**			Prepared & Analyzed: 12/29/11						
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l		ND				50	
1,1,1-Trichloroethane	3.89	0.20	"		3.61			7.47	50	
1,1,2,2-Tetrachloroethane	ND	0.20	"		ND				50	
1,1,2-Trichloroethane	ND	0.20	"		ND				50	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"		ND				50	
1,1-Dichloroethane	ND	0.20	"		ND				50	
1,1-Dichloroethene	1.98	0.10	"		1.94			2.04	50	
1,2-Dichloroethane	ND	0.20	"		ND				50	
Benzene	ND	0.10	"		ND				50	
Carbon tetrachloride	ND	0.20	"		ND				50	
Chloroethane	ND	0.20	"		ND				50	
Chloroform	ND	0.20	"		ND				50	
cis-1,2-Dichloroethene	ND	0.20	"		ND				50	
Dichlorodifluoromethane	ND	0.20	"		ND				50	
Ethylbenzene	0.120	0.20	"		0.110			8.70	50	
meta- and para-Xylenes	ND	0.50	"		ND				50	
Methylene Chloride	ND	0.20	"		ND				50	
ortho-Xylene	ND	0.20	"		ND				50	
Tetrachloroethene	8.42	0.10	"		7.86			6.88	50	
Toluene	0.220	0.50	"		0.210			4.65	50	
trans-1,2-Dichloroethene	ND	0.20	"		ND				50	
Trichloroethene	0.610	0.10	"		0.650			6.35	50	
Trichlorofluoromethane	ND	0.20	"		ND				50	
Vinyl Chloride	ND	0.10	"		ND				50	
2-Propanol	ND	10	"		ND				200	
Surrogate: Dibromofluoromethane	*13.4*		*"*	*12.5*		*107*	*75-125*			
Surrogate: Toluene-d8	*12.3*		*"*	*12.5*		*98.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*12.4*		*"*	*12.5*		*99.1*	*75-125*			

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Notes and Definitions

QL-H1	The spike recovery was out high for the LCS and/or the LCSD; however the analyte in CCV is within QC acceptance limits.
QL-H	The spike recovery was out high for the LCS and/or the LCSD; however the analyte was not detected in any of the analyzed samples.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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January 10, 2012

Mr. Michael Marello

Environmental Support Technologies

16510 Aston Street

Irvine, California 92606

RE: 2020 East Orangethorpe Avenue, Fullerton

Enclosed are the results of analyses for soil gas samples received by Environmental Support Technologies laboratory on 12/30/11 07:24. The analyses were performed according to the prescribed method as outlined by EPA 8260B. If you have any questions concerning this report, please feel free to contact Project Manager.

Sincerely,

Zalen Liley

Zalen Liley

Senior Chemist

Environmental Support Technologies laboratories are certified by the California Department of Health Services (CDHS), Environmental Laboratory Accreditation Program (ELAP) No's. 2772, 2773, and 2767.

Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

Reported:
10-Jan-12 10:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Analyzed
VP-19-40	4A20901-01	Air	30-Dec-11 09:39	30-Dec-11 09:53
VP-19-10	4A20901-02	Air	30-Dec-11 10:31	30-Dec-11 10:45
VP-19-20	4A20901-03	Air	30-Dec-11 10:56	30-Dec-11 11:10

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Environmental Support Technologies	Project: 2020 East Orangethorpe Avenue, Fullerton	
16510 Aston Street	Project Number: EST2736	**Reported:**
Irvine, California 92606	Project Manager: Mr. Michael Marello	10-Jan-12 10:30

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-19-40 (4A20901-01) Air Sampled: 12/30/11 09:39 Analyzed: 12/30/11 09:53									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	42A0901	12/30/11	12/30/11	EPA 8260B	
1,1,1-Trichloroethane	**8.0**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**2.0**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**42**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**0.42**	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**28**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**3.6**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*124 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*121 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*116 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

Reported:
10-Jan-12 10:30

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-19-10 (4A20901-02) Air Sampled: 12/30/11 10:31 Analyzed: 12/30/11 10:45									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	42A0901	12/30/11	12/30/11	EPA 8260B	
1,1,1-Trichloroethane	**1.7**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**5.2**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**6.6**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**0.76**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.9 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

Reported:
10-Jan-12 10:30

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-19-20 (4A20901-03) Air Sampled: 12/30/11 10:56 Analyzed: 12/30/11 11:10									
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l	1	42A0901	12/30/11	12/30/11	EPA 8260B	
1,1,1-Trichloroethane	**2.4**	0.20	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.20	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"	"	"	"	"	"	
1,1-Dichloroethane	**0.33**	0.20	"	"	"	"	"	"	
1,1-Dichloroethene	**7.6**	0.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	"	"	
Benzene	ND	0.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	"	"	"	"	"	"	
Chloroethane	ND	0.20	"	"	"	"	"	"	
Chloroform	ND	0.20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.20	"	"	"	"	"	"	
Ethylbenzene	ND	0.20	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.50	"	"	"	"	"	"	
Methylene Chloride	ND	0.20	"	"	"	"	"	"	
ortho-Xylene	ND	0.20	"	"	"	"	"	"	
Tetrachloroethene	**9.4**	0.10	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	"	"	"	"	"	"	
Trichloroethene	**1.1**	0.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.20	"	"	"	"	"	"	
Vinyl Chloride	ND	0.10	"	"	"	"	"	"	
2-Propanol	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*		*75-125*	"	"	"	"	

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Environmental Support Technologies	Project:	2020 East Orangethorpe Avenue, Fullerton
16510 Aston Street	Project Number:	EST2736
Irvine, California 92606	Project Manager:	Mr. Michael Marello

Reported: 10-Jan-12 10:30

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 42A0901 - Volatiles										
Blank (42A0901-BLK1)				Prepared & Analyzed: 12/30/11						
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l							
1,1,1-Trichloroethane	ND	0.20	"							
1,1,2,2-Tetrachloroethane	ND	0.20	"							
1,1,2-Trichloroethane	ND	0.20	"							
1,1,2-Trichloro-trifluoroethane	ND	0.20	"							
1,1-Dichloroethane	ND	0.20	"							
1,1-Dichloroethene	ND	0.10	"							
1,2-Dichloroethane	ND	0.20	"							
Benzene	ND	0.10	"							
Carbon tetrachloride	ND	0.20	"							
Chloroethane	ND	0.20	"							
Chloroform	ND	0.20	"							
cis-1,2-Dichloroethene	ND	0.20	"							
Dichlorodifluoromethane	ND	0.20	"							
Ethylbenzene	ND	0.20	"							
meta- and para-Xylenes	ND	0.50	"							
Methylene Chloride	ND	0.20	"							
ortho-Xylene	ND	0.20	"							
Tetrachloroethene	ND	0.10	"							
Toluene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.20	"							
Trichloroethene	ND	0.10	"							
Trichlorofluoromethane	ND	0.20	"							
Vinyl Chloride	ND	0.10	"							
2-Propanol	ND	10	"							
Surrogate: Dibromofluoromethane	*14.3*		*"*	*12.5*		*115*	*75-125*			
Surrogate: Toluene-d8	*13.9*		*"*	*12.5*		*111*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*13.4*		*"*	*12.5*		*107*	*75-125*			

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Environmental Support Technologies
16510 Aston Street
Irvine, California 92606

Project: 2020 East Orangethorpe Avenue, Fullerton
Project Number: EST2736
Project Manager: Mr. Michael Marello

Reported:
10-Jan-12 10:30

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 42A0901 - Volatiles										
LCS (42A0901-BS1)				Prepared & Analyzed: 12/30/11						
1,1,1,2-Tetrachloroethane	13.4	0.20	ug/l	12.5		107	75-136			
1,1,1-Trichloroethane	14.6	0.20	"	12.5		117	73-134			
1,1,2,2-Tetrachloroethane	10.6	0.20	"	12.5		84.6	56-149			
1,1,2-Trichloroethane	10.4	0.20	"	12.5		83.1	67-137			
1,1,2-Trichloro-trifluoroethane	15.1	0.20	"	12.5		121	83-125			
1,1-Dichloroethane	13.9	0.20	"	12.5		111	80-121			
1,1-Dichloroethene	14.5	0.10	"	12.5		116	73-137			
1,2-Dichloroethane	11.8	0.20	"	12.5		94.7	75-131			
Benzene	14.3	0.10	"	12.5		115	79-118			
Carbon tetrachloride	14.8	0.20	"	12.5		119	74-143			
Chloroethane	16.7	0.20	"	12.5		134	60-137			
Chloroform	13.8	0.20	"	12.5		111	82-119			
cis-1,2-Dichloroethene	13.8	0.20	"	12.5		110	85-116			
Dichlorodifluoromethane	13.8	0.20	"	12.5		111	47-129			
Ethylbenzene	15.0	0.20	"	12.5		120	83-115			QL-H1
meta- and para-Xylenes	29.5	0.50	"	25.0		118	83-115			QL-H
Methylene Chloride	12.5	0.20	"	12.5		99.8	81-126			
ortho-Xylene	14.4	0.20	"	12.5		115	85-115			
Tetrachloroethene	13.8	0.10	"	12.5		110	66-144			
Toluene	13.7	0.50	"	12.5		109	70-115			
trans-1,2-Dichloroethene	14.4	0.20	"	12.5		116	72-133			
Trichloroethene	13.6	0.10	"	12.5		109	68-132			
Trichlorofluoromethane	15.3	0.20	"	12.5		123	62-144			
Vinyl Chloride	9.80	0.10	"	12.5		78.4	66-137			
Surrogate: Dibromofluoromethane	*13.4*		*"*	*12.5*		*107*	*75-125*			
Surrogate: Toluene-d8	*14.6*		*"*	*12.5*		*117*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*12.8*		*"*	*12.5*		*102*	*75-125*			

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Environmental Support Technologies	Project:	2020 East Orangethorpe Avenue, Fullerton
16510 Aston Street	Project Number:	EST2736
Irvine, California 92606	Project Manager:	Mr. Michael Marello

Reported: 10-Jan-12 10:30

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 42A0901 - Volatiles										
Duplicate (42A0901-DUP1)	**Source: 4A20901-01**			Prepared & Analyzed: 12/30/11						
1,1,1,2-Tetrachloroethane	ND	0.20	ug/l		ND				50	
1,1,1-Trichloroethane	6.83	0.20	"		8.05			16.4	50	
1,1,2,2-Tetrachloroethane	ND	0.20	"		ND				50	
1,1,2-Trichloroethane	ND	0.20	"		ND				50	
1,1,2-Trichloro-trifluoroethane	ND	0.20	"		ND				50	
1,1-Dichloroethane	1.30	0.20	"		2.05			44.8	50	
1,1-Dichloroethene	34.6	0.10	"		41.5			18.2	50	
1,2-Dichloroethane	ND	0.20	"		ND				50	
Benzene	ND	0.10	"		ND				50	
Carbon tetrachloride	ND	0.20	"		ND				50	
Chloroethane	ND	0.20	"		ND				50	
Chloroform	ND	0.20	"		ND				50	
cis-1,2-Dichloroethene	0.310	0.20	"		0.420			30.1	50	
Dichlorodifluoromethane	ND	0.20	"		ND				50	
Ethylbenzene	ND	0.20	"		ND				50	
meta- and para-Xylenes	ND	0.50	"		ND				50	
Methylene Chloride	ND	0.20	"		ND				50	
ortho-Xylene	ND	0.20	"		ND				50	
Tetrachloroethene	23.6	0.10	"		28.0			17.1	50	
Toluene	0.170	0.50	"		0.170			0.00	50	
trans-1,2-Dichloroethene	ND	0.20	"		ND				50	
Trichloroethene	3.07	0.10	"		3.56			14.8	50	
Trichlorofluoromethane	ND	0.20	"		ND				50	
Vinyl Chloride	ND	0.10	"		ND				50	
2-Propanol	ND	10	"		ND				200	
Surrogate: Dibromofluoromethane	*14.3*		*"*	*12.5*		*114*	*75-125*			
Surrogate: Toluene-d8	*14.0*		*"*	*12.5*		*112*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*13.6*		*"*	*12.5*		*109*	*75-125*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Notes and Definitions

QL-H1	The spike recovery was out high for the LCS and/or the LCSD; however the analyte in CCV is within QC acceptance limits.
QL-H	The spike recovery was out high for the LCS and/or the LCSD; however the analyte was not detected in any of the analyzed samples.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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